

FIG. 3

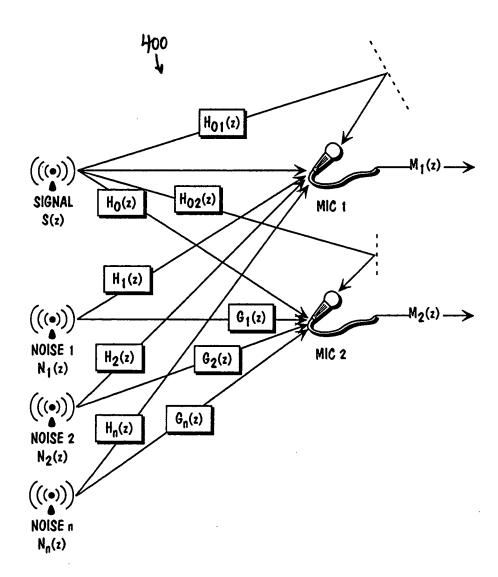
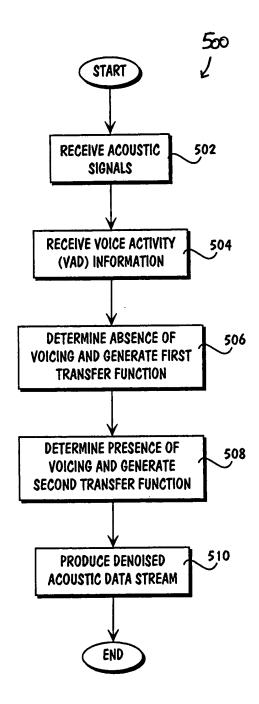
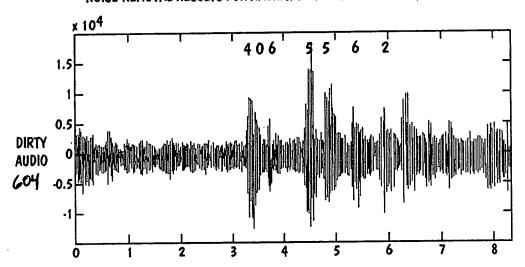


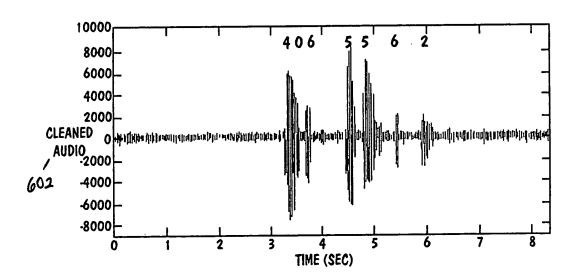
FIG. 4



F14.5

## NOISE REMOVAL RESULTS FOR AMERICAN ENGLISH FEMALE SAYING 406-5562





F1G. 6

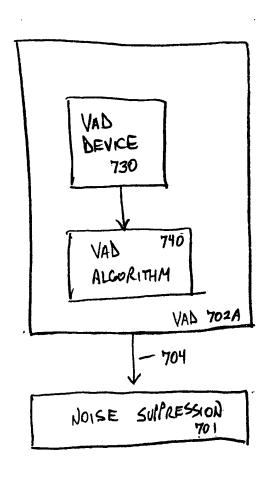


FIGURE 7A

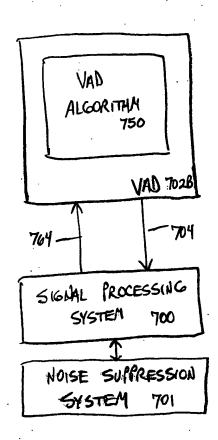


FIGURE 7B

800 802 RECEIVE ACCELEROMETER DATA FILTER AND DIGITIZE ACCELEROMETER DATA SEGMENT AND STEP DIGITIZED DATA REMOVE SPECTRAL INFORMATION CORRUPTED BY NOISE CALCULATE ENERGY IN EACH WINDOW COMPARE ENERGY TO THRESHOLD VALUES + 812 ENERGY ABOUE THRESHOLD INDICATES Voiced SPEECH ENERGY BELOW THRESHOLD INDICATES UNDICED SPEECH

FIGURE 8

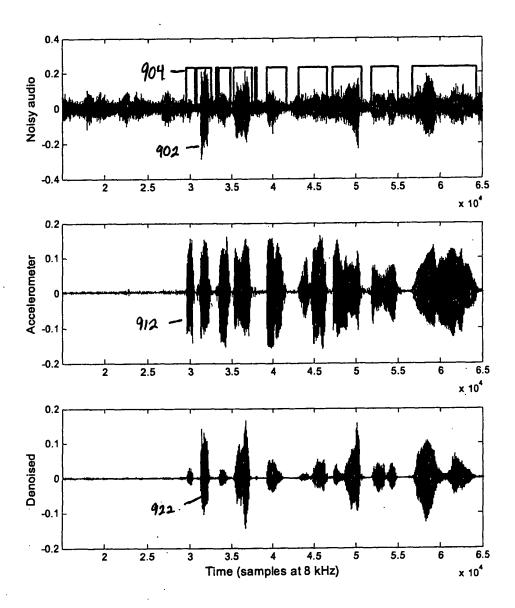


Figure 9

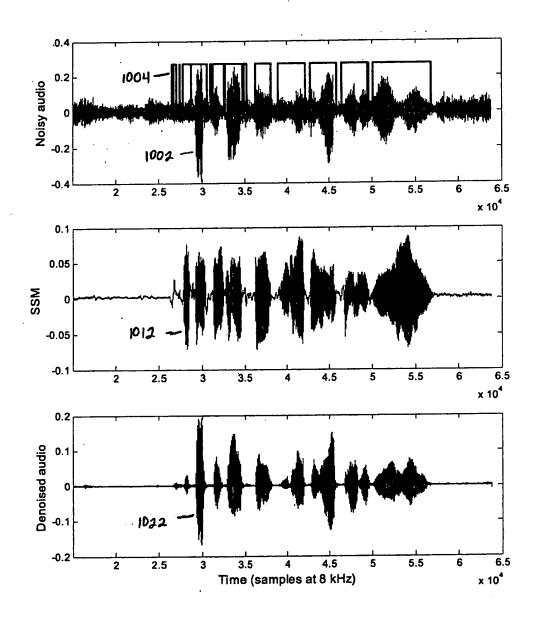


Figure 10

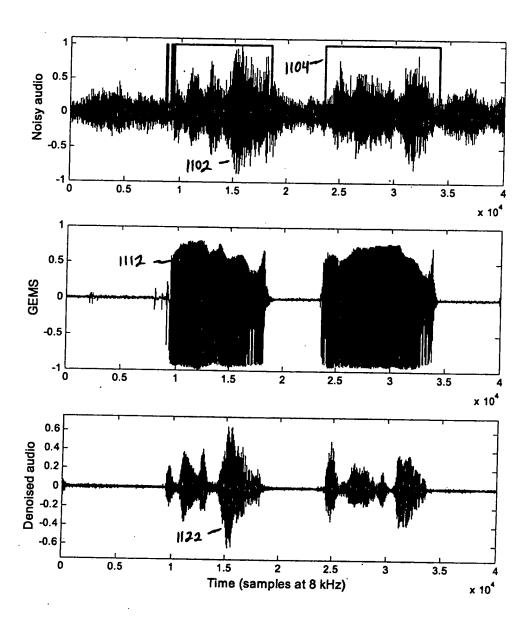


Figure //